

Reg # 10163-116 PM 15 P-1/3

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 10163-116	DATE OF ISSUANCE FEB 25 1987
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Gowan Diazinon 5G	

NOTICE OF PESTICIDE:  REGISTRATION  
 RERE-REGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Gowan Company  
 P.O. Box 5696  
 Yuma, AZ 85364

161 / 18 11 / 181510

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA

section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase- "EPA Registration No. 10163-116."
  - b. EPA accession no. 20017 does not require any storage stability data on this type of formulation. You must provide storage stability data within 18 months of the date of this registration.
  - c. Include the following statement on top of front panel of label:
 

This product must not be used on golf courses and sod farms.
  - d. Uppercase Diethyl in the Ingredient Statement.
  - e. Add "or convulsing" before "person" in the If Swallowed section.

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE 2/25/87

f. Add Note to Physician:

If symptoms of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine.

g. Change "Keep out of lakes, streams, or ponds" to "Do not apply directly to water."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

GOWAN DIAZINON 5G

	% by Wt.
Active Ingredient:	
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate .....	5 %
Inert Ingredients .....	95 %
Total	100 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement of Practical Treatment

IF SWALLOWED, call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED, remove victim to fresh air. Apply artificial respiration if needed.

IF ON SKIN, remove contaminated clothing and wash affected areas thoroughly with soap and water.

IF IN EYES, flush with plenty of water. Call a physician if irritation persists.

Net Weight \_\_\_\_\_ lbs.

Gowan Company

EPA Reg. No: 10163-  
EPA Est. No: 10163-AZ-1

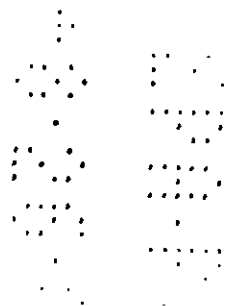
P.O. Box 5696  
Yuma, AZ 85364

DOT NAME

AGREEMENT

FILED

10163-116



PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. May be absorbed through skin. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

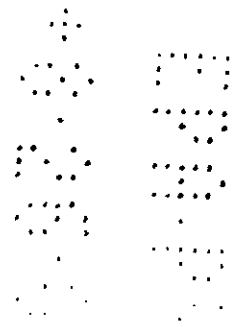
STORAGE AND DISPOSAL

Do not reuse container. Securely wrap container in several layers of newspaper and put in trash collection.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

App —



# IN LAWNS GOWAN DIAZINON 5G KILLS:

- Ants
- Armyworms
- Bermudagrass mites
- Billbugs
- Brown dog ticks
- Chiggers
- Chinch bugs
- Clover mites
- Crickets
- Cutworms
- Digger wasps
- Earwigs
- Fire Ants\*
- Fleas
- Lawn moths
- Leafhoppers
- Millipedes
- Sod webworms
- Sowbugs
- Springtails
- White grubs of:

- Japanese beetle
- European chafer
- Southern chafer

\*Aids in control.

Gowan Diazinon 5G

50% of both grass and non-grass lawns.  
Ants - Armyworms - Bermudagrass mites -  
Brown dog ticks - Chiggers - Chinch bugs -  
Clover mites - Crickets - Cutworms - Earwigs -  
Fleas - Lawn moths (sod webworms) -  
Leafhoppers - Millipedes - Sowbugs -  
Springtails (Collembola)

Apply with a fertilizer spreader. See spreader setting chart on side of bag. Apply when grass is dry. Water lawn lightly after application. Repeat as necessary.

For application with other types of equipment apply at the rate of 2 lbs. per 1000 sq ft (an area 20 ft x 50 ft) or 3/2 oz. per 100 sq ft (an area 10 ft x 10 ft) for heavy lawns such as St. Augustine grass lawns. The rate should be increased to 3 lbs. per 1000 sq ft (or 4.8 oz. per 100 sq ft).

Billbugs. White grubs of Japanese beetle, European chafer, Southern chafer, *Ateonius spretulus* (dung beetle).

Apply 2.5 lbs. per 1000 sq ft lawn. Water grass thoroughly after application. For billbug control, apply when activity is first observed or when the wet or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with a 1/2 in. of water after application. Treat again in late summer or early fall if a second generation occurs.

Hyperodes weevils (Tree Yore or YI). Apply 2 lbs. per 1000 sq ft of grass. Water grass thoroughly after application. Treat problem areas in mid April and again in mid May.

Spot Treatment. Ants. Apply the teaspoon of Spectracide 6000 over and around each ant hill.

Fire ants. To aid in the control of fire ants in lawns and other recreational areas, apply 1/2 cup over and 2 ft. around each fire ant mound immediately after application. Water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Reapply as necessary. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness.

Note: For best results, apply in cool weather, 65-80 F. in early morning or late evening hours. Treat new mounds as they appear.

Digger wasps. Apply the teaspoon of in and around each nest opening. Apply at dusk when wasps are not active.

Band Treatment Around House Foundation: The following pests are commonly found around or near foundations of houses as well as in lawns. Certain of these pests may enter houses:

- |                 |                          |
|-----------------|--------------------------|
| Ants            | Fleas                    |
| Brown dog ticks | Millipedes               |
| Clover mites    | Sowbugs (Pillbugs)       |
| Crickets        | Springtails              |
| Earwigs         | Springtails (Collembola) |

Apply a 5 foot band of to the house foundation. Distribute granules uniformly using a rate of 3/2 oz. for each 100 sq ft of area (5 ft x 20 ft) treated. Repeat as necessary.

Garden Insect Control. (includes certain garden insects on credit label). Apply just prior to planting and in 4 day intervals thoroughly into soil to the specified depth, except where applied in seed furrow.

- |                                     |                |
|-------------------------------------|----------------|
| Cutworms (surface and subterranean) | Peppers        |
| Broccoli                            | Hot (Escarole) |
| Cabbage                             | Lettuce        |
| Cauliflower                         | Spinach        |
| Corn                                | Summer Squash  |
| Cornflower                          | Swiss Chard    |
| Cornish                             | Tomatoes       |
| Cucumbers                           | Watermelons    |
| Endive                              | Peas           |
|                                     | Portulaca      |

Gowan Diazinon 5G

# IN GARDENS GOWAN DIAZINON 5G KILLS:

- Armyworms
- Carrot rust flies
- Corn borers
- Cutworms
- Mole crickets
- Onion maggots
- Root maggots
- Rootworms
- Vinegar flies
- Wireworms

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Apply 7 to 14 oz. per 500 sq ft and mix into soil to a depth of 2-3 inches for surface cutworms and 3-6 inches for subterranean cutworms. For potatoes, mix into soil 4-6 inches deep.

- |               |                   |              |
|---------------|-------------------|--------------|
| Mole Crickets | Endive (Escarole) | Peppers      |
| Broccoli      | Kale              | Radishes     |
| Cabbage       | Lettuce           | Strawberries |
| Cauliflower   | Mustard           | Tomatoes     |
| Carrots       |                   | Turnips      |

Apply 4 oz. per 500 sq ft and mix into soil to a depth of 1-2 inches.

- |             |                   |                |
|-------------|-------------------|----------------|
| Wireworms   | Endive (Escarole) | Peppers        |
| Broccoli    | Kale              | Snap Beans     |
| Cabbage     | Lettuce           | Spinach        |
| Carrots     | Summer Squash     |                |
| Cauliflower | Tomatoes          | Sweet Potatoes |
| Corn        | Watermelons       | Swiss Chard    |
| Cornflower  | Onions            | Tomatoes       |
| Cornish     | Parsley           | Watermelons    |
| Cucumbers   | Peas              | Winter Squash  |

Apply 7 to 14 oz. per 500 sq ft and mix into soil to a depth of 4-8 inches.

Broccoli, Cabbage, Cauliflower, Root Maggots. Apply 7 to 11 oz. per 500 sq ft over entire second- or before planting or transplanting and mix into soil to a depth of 3-4 inches.

Carrots. Carrot Rust Flies. Apply 7 oz. per 500 sq ft in seed furrow at planting time.

Onions. Onion Maggots. Apply 4 oz. per 500 sq ft in seed furrow at planting time.

Radishes. Root Maggots. Sprinkle lightly at the rate of 3-4 oz. per 500 sq ft over feet of row in seed furrow at planting time.

Sweet Corn. Corn Rootworms. Apply 4-7 oz. per 500 sq ft in a band over the row at planting time.

Cutworms. Apply 7-11 oz. per 500 sq ft. Mix into soil to a depth of 1-2 inches for surface cutworms and 3-6 inches for subterranean cutworms.

European Corn Borers. Apply 4-7 oz. per 500 sq ft. Over corn, so granules fall into whorls when 75% of the plants show first-generation larvae feeding, and again 7 days later, if needed. Treat for second generation when there is an average of 1 egg mass per plant.

Fire Armyworms. Apply 4-7 oz. per 500 sq ft over corn so granules fall into whorls when larvae first appear, and again for control of second-generation armyworms, if necessary.

Southwestern Corn Borers. Apply 4-7 oz. per 500 sq ft over corn so granules fall into whorls when second-generation larvae first appear. Repeat application one week later.

Note: Corn may be picked immediately following last application. Do not feed fodder to livestock for ten days following last application.

Wireworms. Apply 7-15 oz. per 500 sq ft in a broadcast application. Mix into soil to a depth of 4-8 inches.

Sweet Potatoes (North Carolina only). Wireworms. Apply 11 oz. per 500 sq ft over the top of sweet potato plant foliage when roots begin to emerge.

Tomatoes. Vinegar Flies (Drosophila spp.). Apply 4 oz. per 500 sq ft over top of plants when flies first appear. Repeat at 7-10 day intervals, or as required. For flies may be picked the same day.

Turnips. Root Maggots. Apply 4 oz. per 500 sq ft in seed furrow at planting time.

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your spr  
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spreade  
In order  
of appli

SPRE

Spreade  
Model 105

Central  
Imperial  
Model No  
1662-G

Central  
Suburbia  
Lawn  
Spreade—  
No. 1622-0

Cyclone  
Model B 1  
Rotary

Greenfield  
Model 105

Orho  
Drop  
Spreade  
Model 3000

Orho  
Broadcast  
Spreade  
Model 4000

J. C. Penn  
Model  
8005

J. C. Penn  
Rotary  
Spreade

Scoll  
Model 35

Sears  
Craftsman  
Model  
671, 19198

\*Ants  
Armyworm  
Bermudagr  
Brown Dog  
Chiggers  
Chinch Bug  
Clover Mite  
Crickets  
Cutworms  
Earwigs

**BEST AVAILABLE**